

FIG. 1

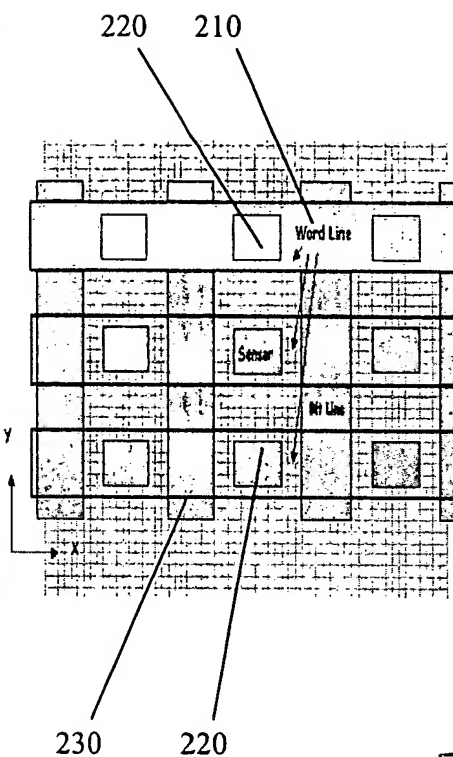
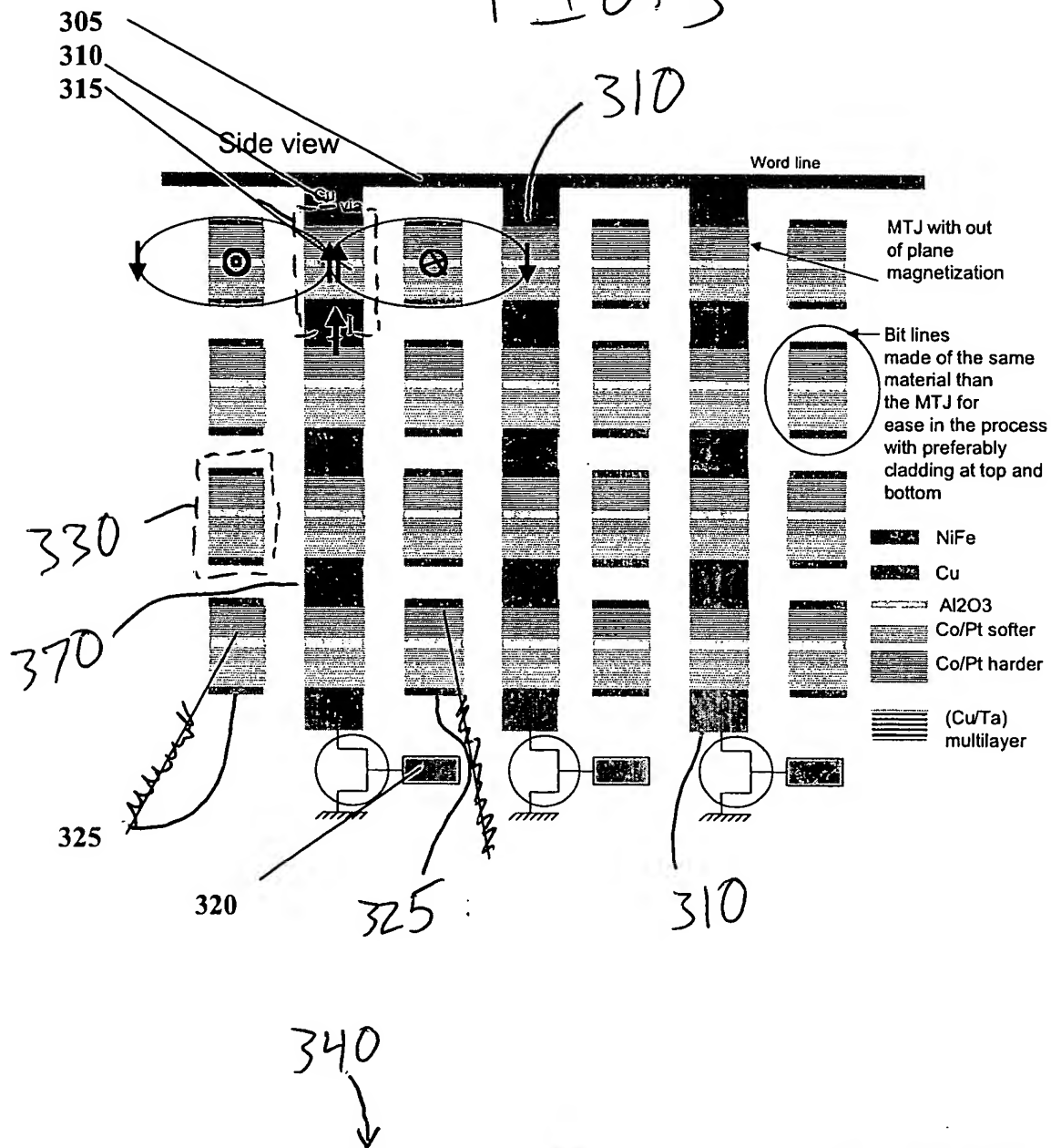


FIG. 2

FIG. 3



345	Cladding layer	NiFe
355	Storage layer	CoPt multilayer 4 repeats
365	Insulating layer	Al ₂ O ₃
360	Readout layer	CoPt multilayer 2 repeats
350	Conductivity layer	CuTa multilayer
345	Cladding layer	NiFe

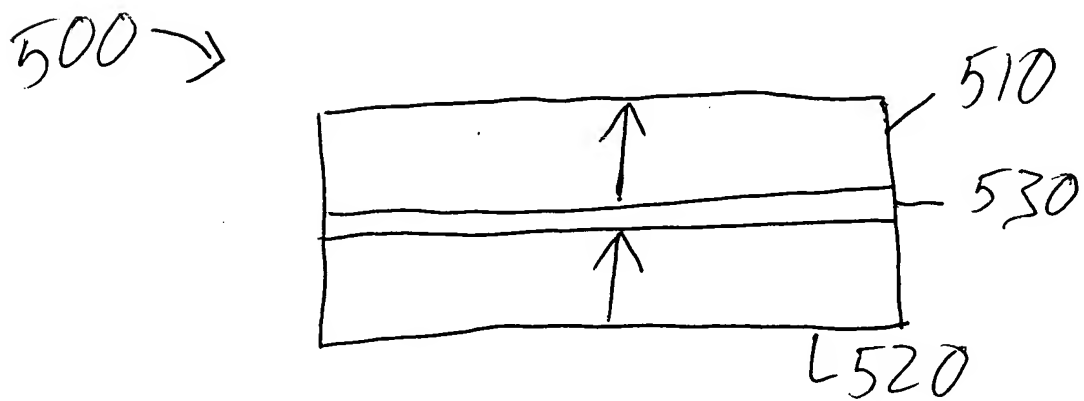
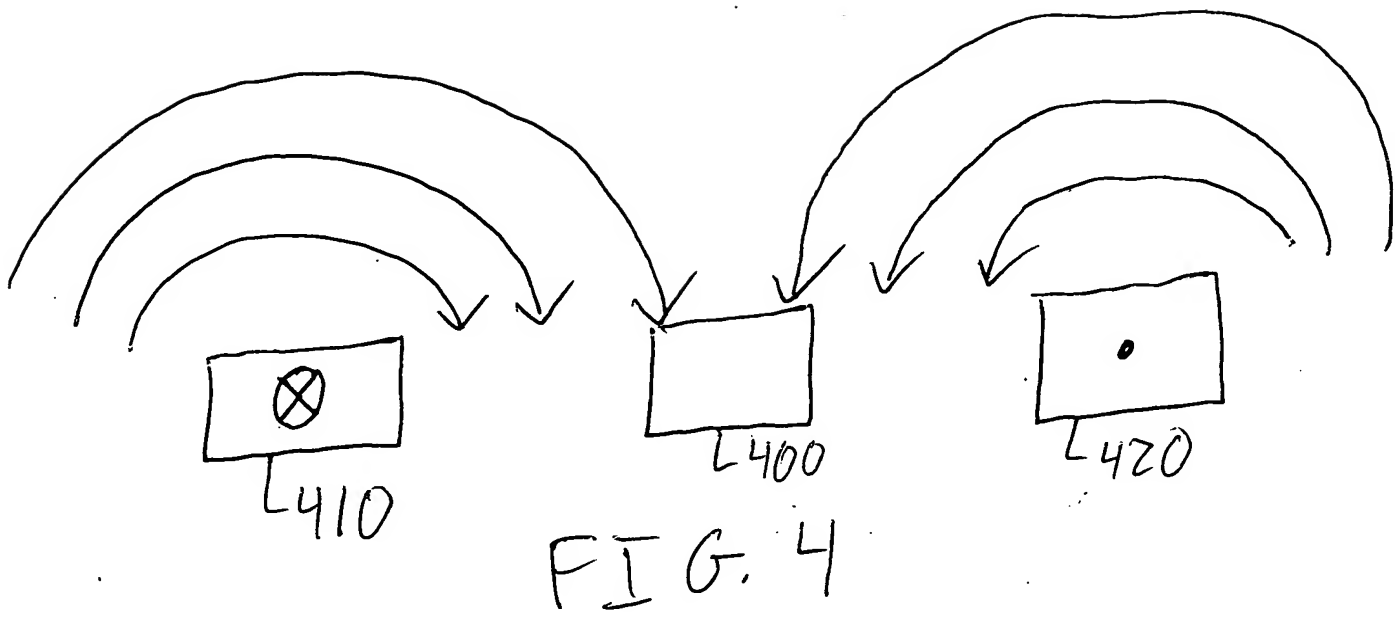
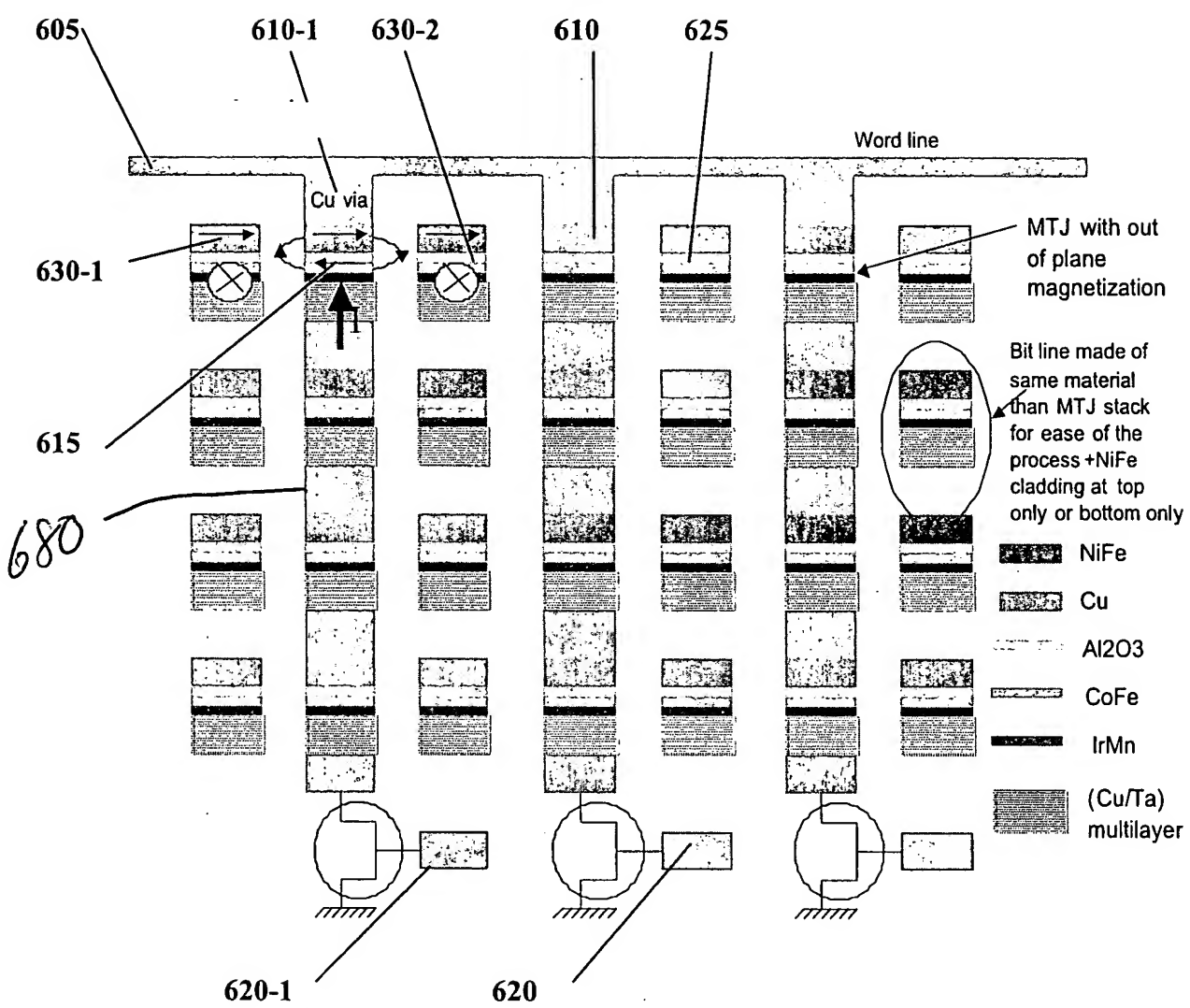


FIG. 5

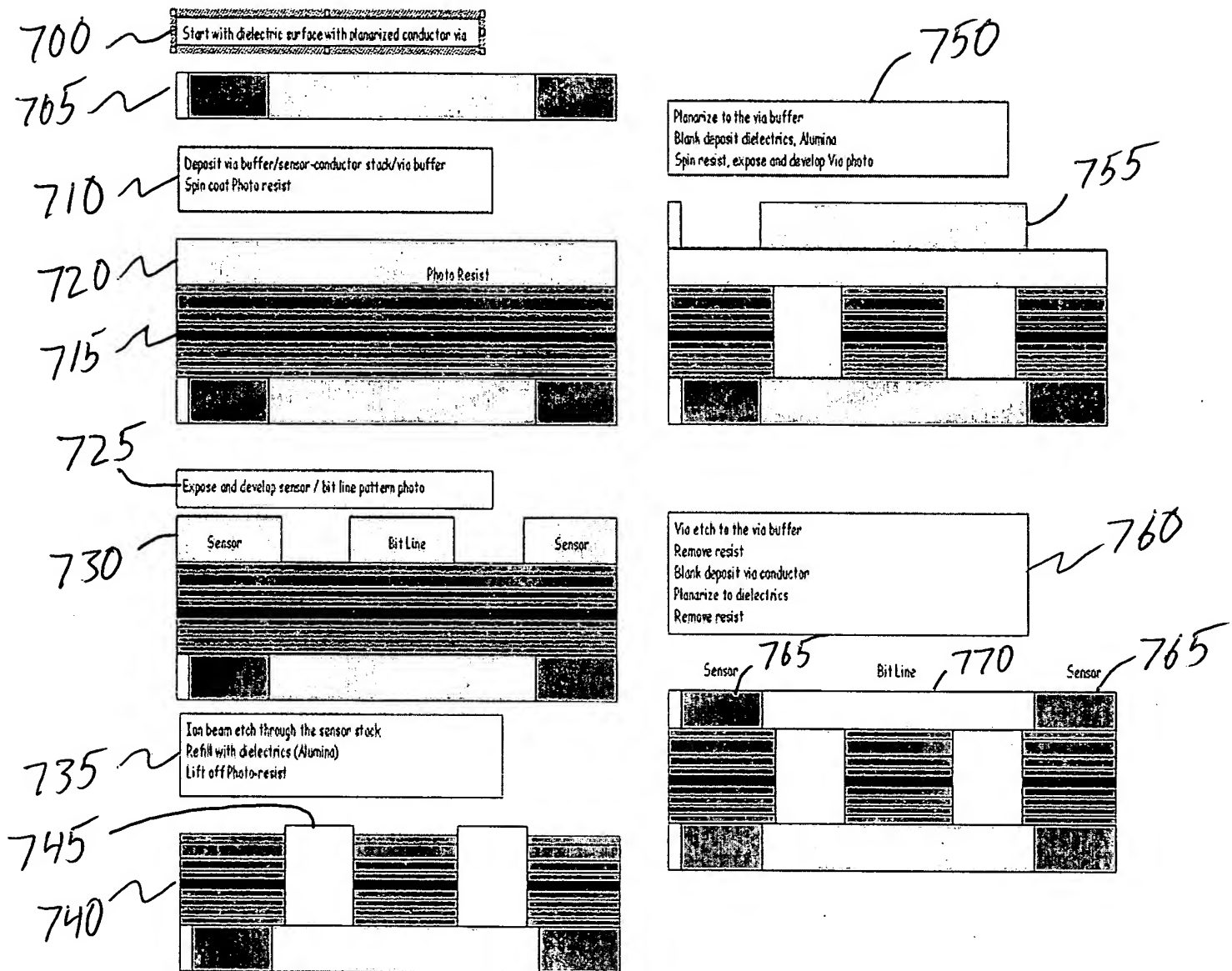
FIG. 6



640

<u>670</u>	<u>Free layer read out layer</u>	<u>Ni Fe</u>
<u>660</u>	<u>Insulating layer</u>	<u>Al₂O₃</u>
<u>655</u>	<u>Storage layer</u>	<u>CoFe</u>
<u>650</u>	<u>Storage layer</u>	
<u>645</u>	<u>Conductivity layer</u>	<u>CuTa multilayer</u>

FIG. 7



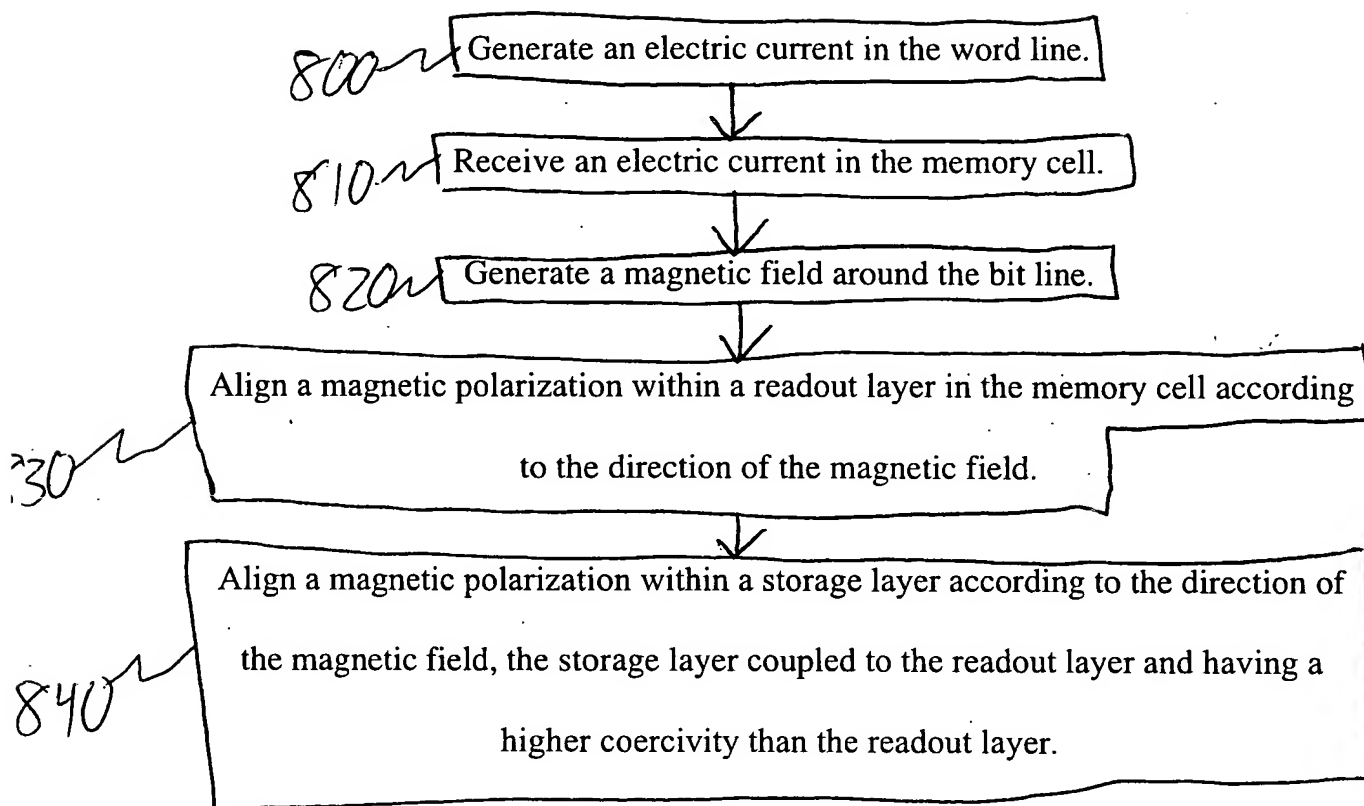


FIG. 8

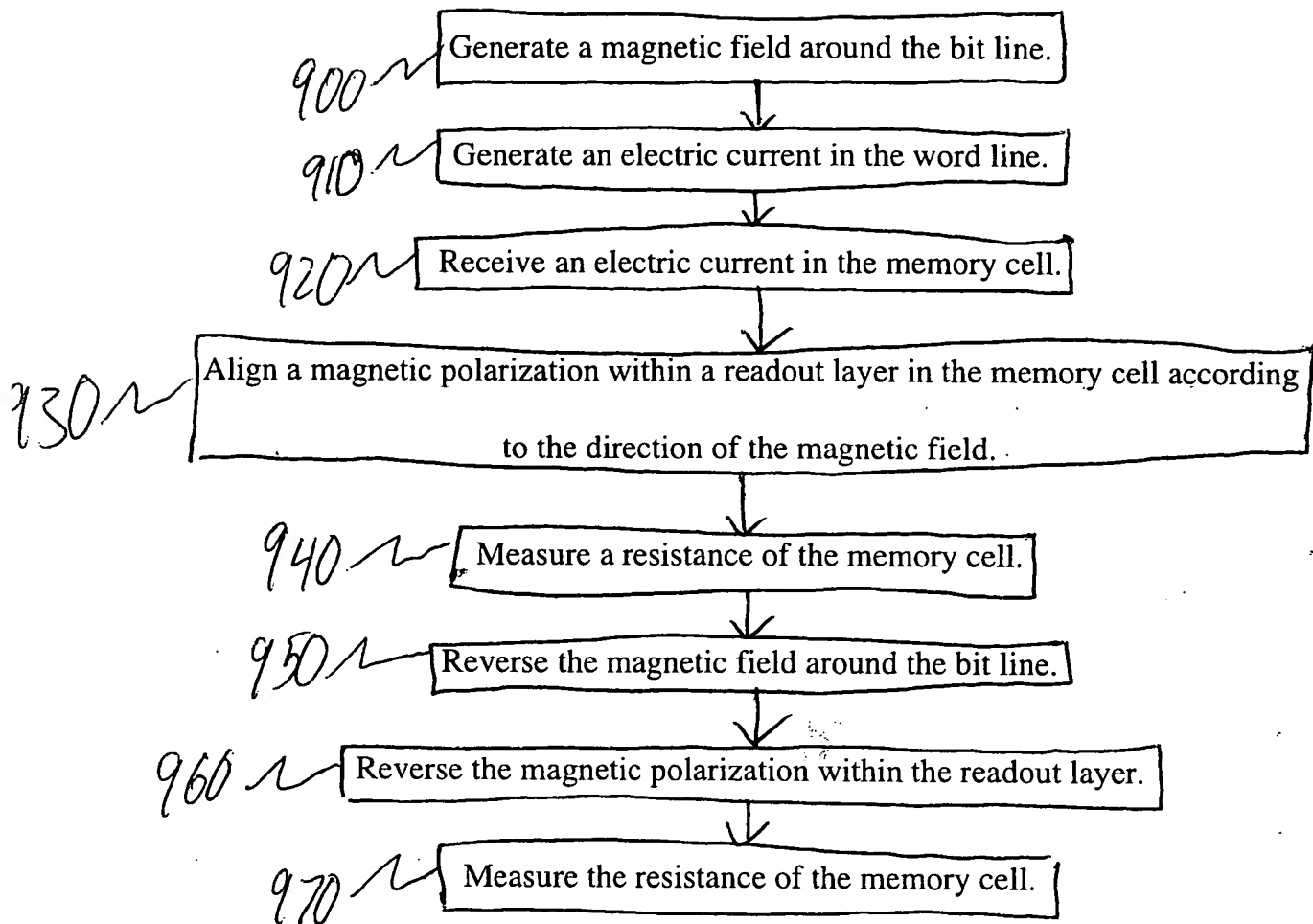


FIG. 9